

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.

1807-120A

Total Pages

First Named Inventor or Application Identifier

Hiroshi KUBO

Express Mail Label No.

JC913 U.S. PRO  
09/685333



**APPLICATION ELEMENTS**

ADDRESS TO: **Assistant Commissioner of Patents  
Box Patent Application  
Washington, D.C. 20231**

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification Total pages [31]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross references to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) (Total Sheets) [13]
4. ☒ Oath or Declaration (Total Pages) [3]
- a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
(37 CFR 1.63(d)  
(for continuation/divisional with Box 17 completed)  
**[Note Box 5 below]**
- i ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
5. ☐ Incorporation by Reference (useable if Box 4b is  
checked) The entire disclosure of the prior  
application, from which a copy of the oath or  
declaration is supplied under Box 4b, is  
considered as being part of the disclosure of  
the accompanying application and is hereby  
incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement  
(when there is an assignee)
- ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement /PTO 1449
- ☒ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s)
- ☐ Statement Filed in prior application,  
Status still proper and desired
15. ☐ Certified Copy of Priority Document(s).  
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: PCT/JP99/05646

**18. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label or ☒ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

|         |  |           |              |          |              |
|---------|--|-----------|--------------|----------|--------------|
| Name    | Vincent M. DeLuca, Reg. No. 32,408                                       |           |              |          |              |
| Address | Rothwell, Figg, Ernst & Manbeck<br>Suite 701-East, 555 13th Street, N.W. |           |              |          |              |
| City    | Washington   | State     | D.C.         | Zip Code | 20004        |
| Country | U.S.A.   | Telephone | 202-783-6040 | Fax      | 202-783-6031 |

|   |                  |                        |              |
|---|------------------|------------------------|--------------|
| <b>FEE TRANSMITTAL</b><br><br><b>(Large Entity)</b> |                  | Complete if Known      |              |
|   |                  | Application Number     |              |
|   |                  | Filing Date            |              |
|   |                  | First Named Inventor   | Hiroshi KUBO |
|   |                  | Group Art Unit         |              |
|   |                  | Examiner Name          |              |
| Total Amount of Payment                             | (\$) <b>1070</b> | Attorney Docket Number | 1807-126A    |

JC913 U.S. PTO  
 09/685333  
 10/06/00

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck

☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge for the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed: Check

**FEE CALCULATION**

**1. FILING FEE**

| Fee Description  | Fee Code | Fee Paid |
|--|----------|----------|
| <input checked="" type="checkbox"/> Utility Filing Fee | 101      | 710      |
| <input type="checkbox"/> Design Filing Fee             | 106      | 320      |
| <input type="checkbox"/> Plant Filing Fee              | 107      | 490      |
| <input type="checkbox"/> Reissue Filing Fee            | 108      | 710      |
| <input type="checkbox"/> Provisional Filing Fee        | 114      | 150      |

**SUBTOTAL \$710**

**2. CLAIMS**

|                           |           | Fee from Extra | below |      | Fee Paid |
|---------------------------|-----------|----------------|-------|------|----------|
| Total Claims              | 12 - 20 = | 0              | x     | \$18 | =        |
| Independent Claims        | 7 - 3 =   | 4              | x     | 80   | = 320    |
| Multiple Dependent Claims |           | +              |       | 270  | =        |

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

| Fee Description  | Fee Code | Fee Paid |
|--|----------|----------|
| <input type="checkbox"/> Surcharge - late filing fee or oath   | 105      | 130      |
| <input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet                                | 127      | 50       |
| <input type="checkbox"/> Non-English specification   | 139      | 130      |
| <input type="checkbox"/> For filing a request for reexamination  | 147      | 2,520    |
| <input type="checkbox"/> Requesting publication of SIR prior to Examiner action                                | 112      | 920      |
| <input type="checkbox"/> Requesting publication of SIR after Examiner action                                   | 113      | 1,840*   |
| <input type="checkbox"/> Extension for reply within first month  | 115      | 110      |
| <input type="checkbox"/> Extension for reply within second month   | 116      | 390      |
| <input type="checkbox"/> Extension for reply within third month  | 117      | 890      |
| <input type="checkbox"/> Extension for reply within fourth month   | 118      | 1,390    |
| <input type="checkbox"/> Extension for reply within fifth month  | 128      | 1,890    |
| <input type="checkbox"/> Notice of Appeal  | 119      | 310      |
| <input type="checkbox"/> Filing a brief in support of an appeal  | 120      | 310      |
| <input type="checkbox"/> Request for Oral Hearing  | 121      | 270      |
| <input type="checkbox"/> Petition to institute a public use proceeding   | 138      | 1,510    |
| <input type="checkbox"/> Petition to revive -unavoidable   | 140      | 110      |
| <input type="checkbox"/> Petition to revive - unintentional  | 141      | 1,240    |
| <input type="checkbox"/> Utility issue fee (or reissue)  | 142      | 1,240    |
| <input type="checkbox"/> Design issue fee  | 143      | 440      |
| <input type="checkbox"/> Plant issue fee   | 144      | 600      |
| <input type="checkbox"/> Petitions to the Commissioner   | 122      | 130      |
| <input type="checkbox"/> Petitions related to provisional applications   | 123      | 50       |
| <input type="checkbox"/> Submission of Information Disclosure Statement  | 126      | 240      |
| <input checked="" type="checkbox"/> Recording each patent assignment per property (times number of properties) | 581      | 40       |
| <input type="checkbox"/> Filing a submission after final rejection (37 CFR .129(a))                            | 146      | 710      |
| <input type="checkbox"/> For each additional invention to be examined (37 CFR 1.129(b))                        | 149      | 710      |

Other fee (specify)

☐

11/02/2000 NGORDON 00000015 09685333

01 FC:101  
02 FC:102

**SUBTOTAL \$ 1,030**  
**710.00 UP**  
**320.00 DP**

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL \$40**

|                      |                                    |                          |         |
|----------------------|------------------------------------|--------------------------|---------|
| SUBMITTED BY         |                                    | Complete (if applicable) |         |
| NAME AND REG. NUMBER | Vincent M. DeLuca, Reg. No. 32,408 |                          |         |
| SIGNATURE            | Vincent M DeLuca                   | DATE                     | 10/6/00 |
|                      |                                    | DEPOSIT ACCOUNT USER ID  |         |